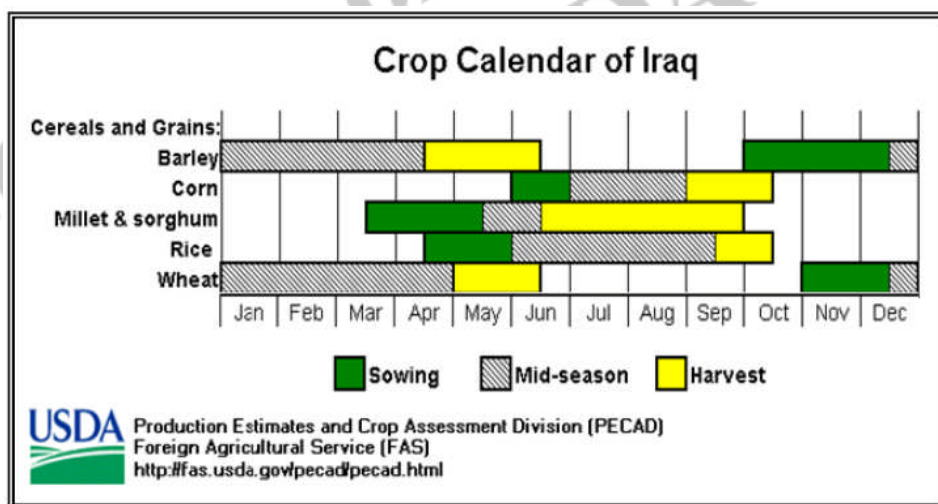
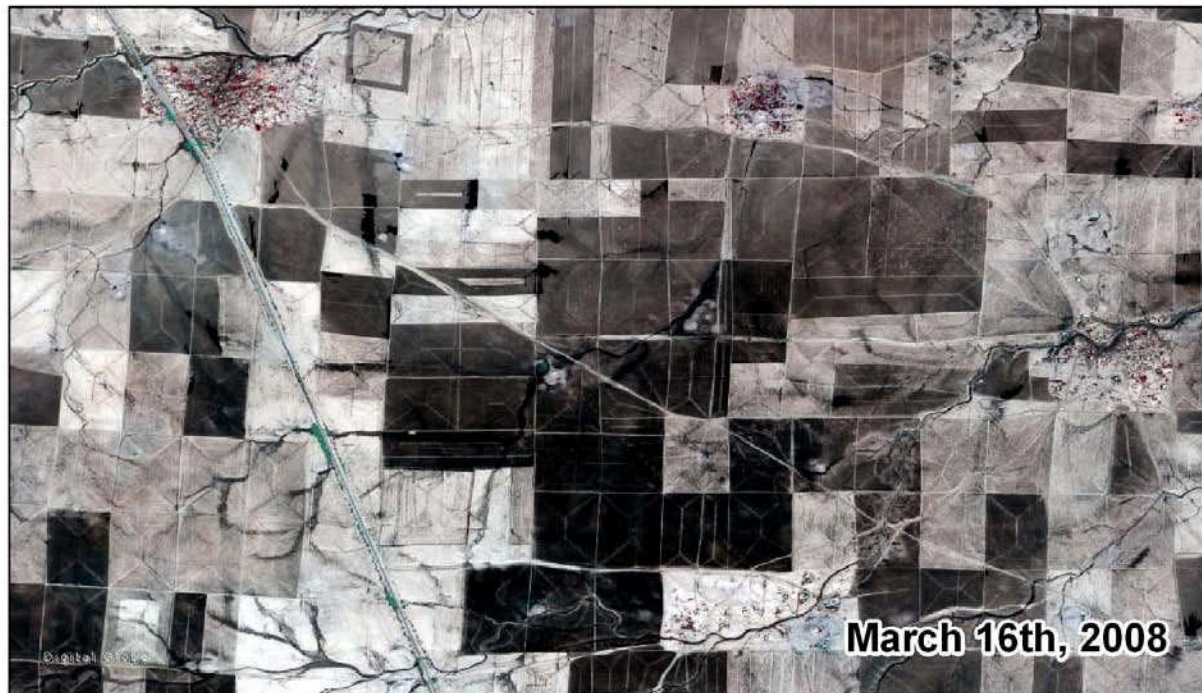


June Report - Week 2

1. Production for MY 2008/09 winter grains is forecasted to be lower than the previous year. Production decreases are related to late rainfall during the start of season combined with below normal seasonal precipitation. The predominantly rainfed northern governorates were heavily impacted, especially the province of Ninawa. High resolution false-color infrared images were collected over AOI #6 in central Ninawa during peak crop growth (Mid-March) and harvest (Mid-April to June). Figure 1 shows a complete absence of crops within the sample area.
2. Regional crop harvest maps were created using moderate AWiFS NDVI data between peak crop stage (March 21st to April 5th) and senescence/harvest (May 5th to May 30th). The analysis shows that most governorates are harvesting (Figure 3). The estimated area of change is ~ 1.3 million hectares.
3. High resolution imagery collected in late-April over AOI #16, Salah ad Din, shows evidence of harvesting activity. (Figure 4).



Absence of Crops, AOI 6 (Central Ninawa)



Data Source: Digital Globe Quickbird
Data provided by: National Geospatial Intelligence Agency
Supporting: USDA/FAS/OGA
International Production Assessment Division



Figure 1: Absence of crops during peak growth, AOI #6, Central Ninawa.

FAS – Office of Global Analysis (OGA)
United States Department of Agriculture (USDA)
International Operational Agriculture Monitoring Program

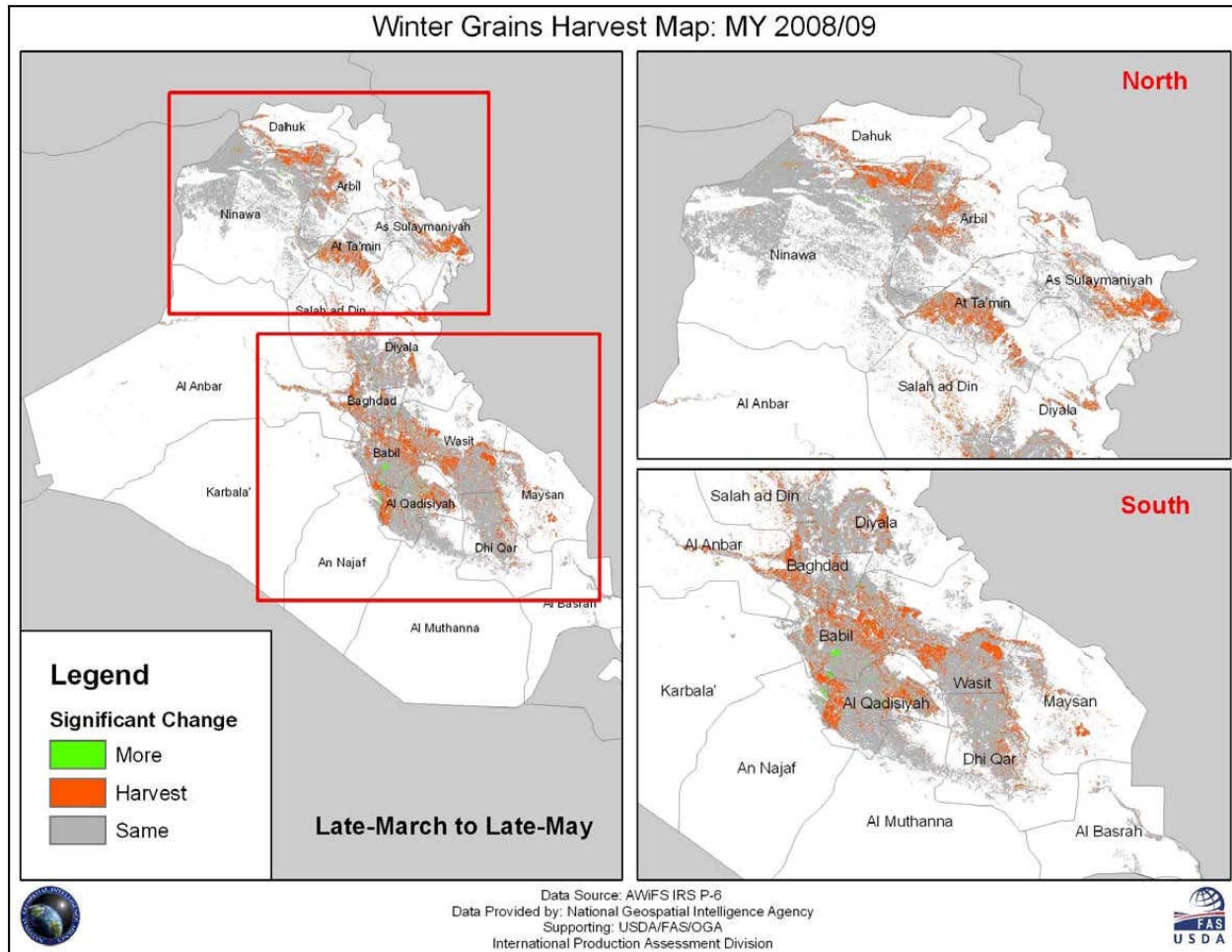


Figure 2: Winter grains harvest map derived from change in MODIS NDVI between peak crop growth and senescence/harvest stages.

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United States Department of Agriculture (USDA)
International Operational Agriculture Monitoring Program

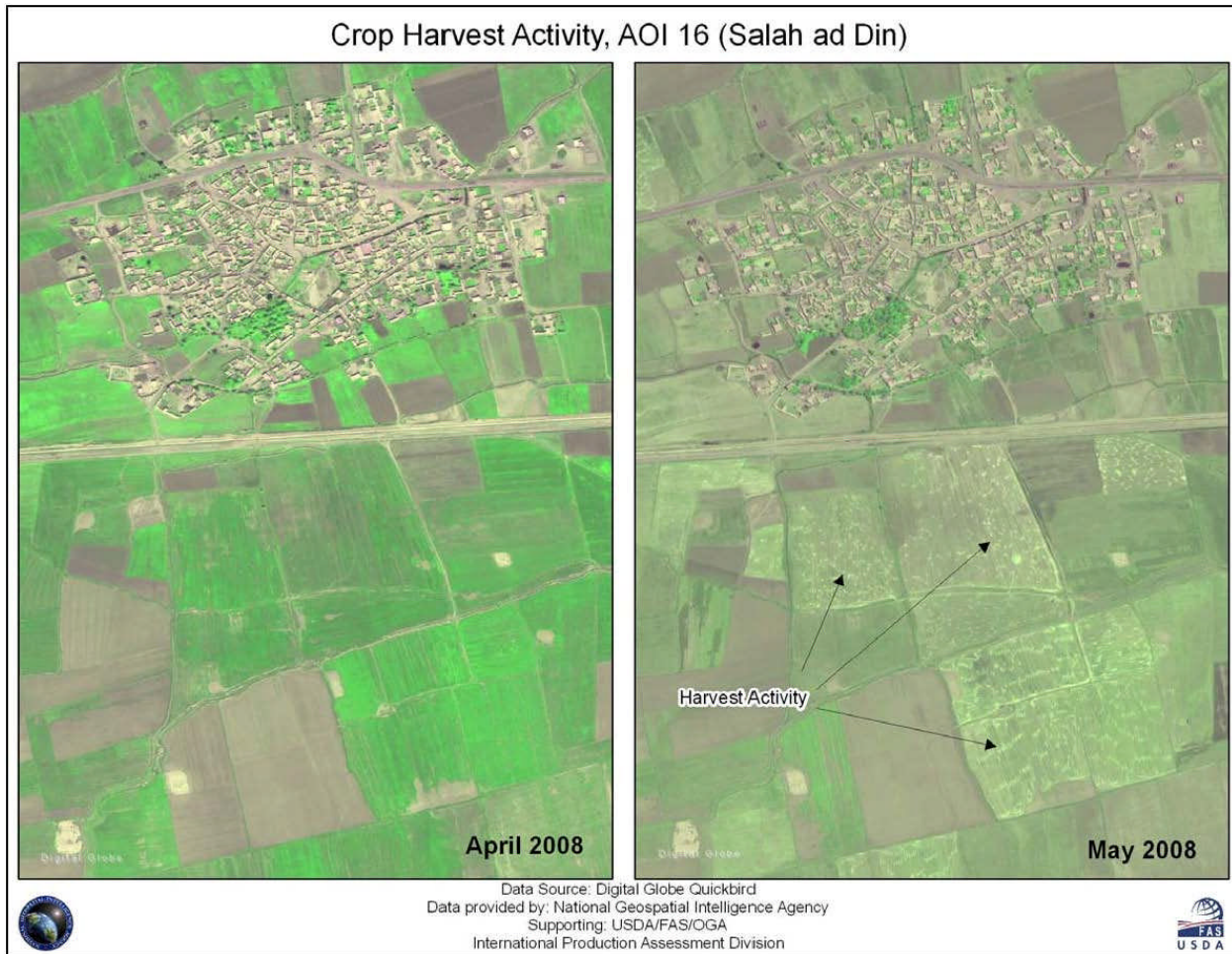


Figure 3: Evidence of harvesting activity over AOI #16, Salah ad Din.